

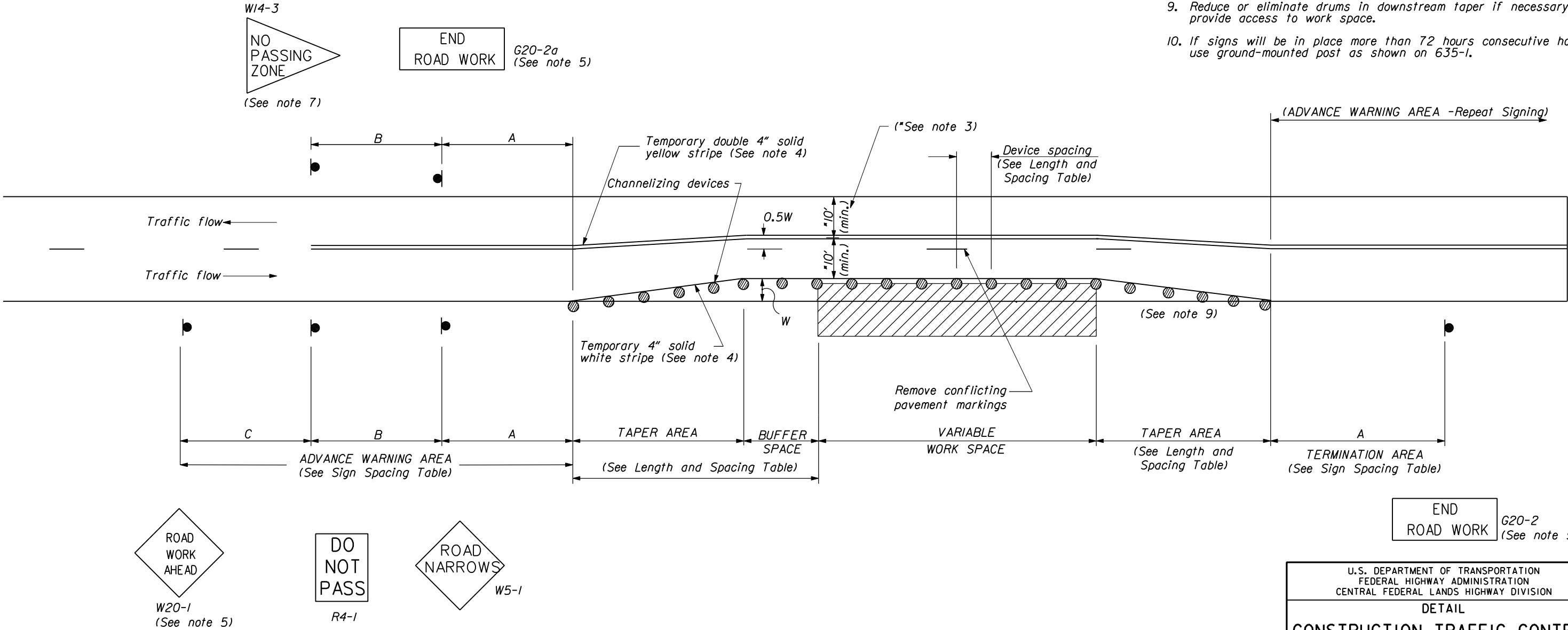
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS

LENGTH AND SPACING TABLE					
APPROACH SPEED *MILES PER HOUR	**MINIMUM TAPER LENGTH IN FEET	LENGTH OF BUFFER SPACE IN FEET	CHANNELIZING DEVICE SPACING		
			**TAPER AREA	BUFFER SPACE	WORK SPACE
			SPACING IN FEET		
25	Shifting taper formula: $L = \frac{WS^2}{120}$ for speeds of 40 mph or less $L = \frac{W \times S}{2}$ for speeds of 45mph or greater	155	25	50	50
30		200	30	60	60
35	Where: L= Minimum length of taper W= Width of offset in feet S= Numerical value of posted speed limit or 85 percentile speed prior to work in miles per hour	250	35	70	70
40		305	40	80	80
45		360	45	90	90
50		425	50	100	100
55		495	55	110	110

\* Speed is based on the regulatory posted speed and not the advisory speed.  
\*\* Lengthen taper as needed to provide minimum of three channelizing devices in taper at required spacing.

SIGN SPACING TABLE			
ROAD TYPE	DISTANCE BETWEEN SIGNS IN FEET		
	A	B	C
Urban 40 mph and less	100	100	100
Urban 45 mph and greater	350	350	350
Rural	500	500	500
Expressway/Freeway	1000	1500	2640

- NOTE:
- Signs are shown for one direction of travel only. Place devices similar to those depicted for the opposite direction of travel.
  - Final location and spacing of signs and devices may be changed to fit field conditions as approved by the CO.
  - Refer to Special Contract Requirements, Section 156, for minimum width.
  - Install temporary pavement markings if roadway surface is paved. Remove conflicting pavement markings. If nearest no-passing zone is within 400', extend markings to connect zones.
  - If closure is completely within the project limits, eliminate the 'END ROAD WORK' sign (G20-2).
  - Install 'PASS WITH CARE' SIGN (R4-2) at ends of no-passing zone if directed by the CO.
  - Omit the W14-3 sign if already within a no-passing zone.
  - Do not allow equipment, materials, or vehicles to be parked or stored in the buffer space.
  - Reduce or eliminate drums in downstream taper if necessary to provide access to work space.
  - If signs will be in place more than 72 hours consecutive hours, use ground-mounted post as shown on 635-1.



U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

DETAIL  
CONSTRUCTION TRAFFIC CONTROL  
PART LANE WIDTH AND  
SHOULDER CLOSURE LAYOUT

DETAIL APPROVED FOR USE 05/2003  
REVISED: 06/2004

DETAIL  
C635-11

NO SCALE